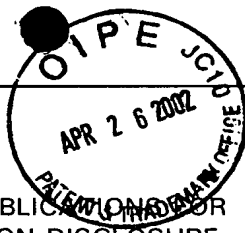


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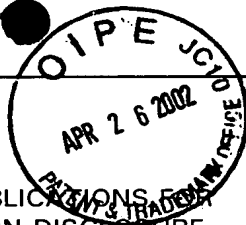
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*	B	5	2	4	9	2	5	9	09/28/93	Harvey	395	13	05/28/92
*	C	5	2	5	1	6	2	6	10/12/93	Nickolls, <i>et al.</i>	607	14	07/22/92
*	D	5	3	0	1	6	8	1	04/12/94	DeBan, <i>et al.</i>	128	736	09/27/91
*	E	5	3	3	1	5	5	0	07/19/94	Stafford, <i>et al.</i>	364	413.2	02/11/93
*	F	5	4	7	3	5	3	7	12/05/95	Glazer, <i>et al.</i>	364	419.2	04/12/95
*	G	4	0	9	9	5	8	7	06/11/78	Kaufmann	177	210	10/14/76
*	H	4	8	7	4	9	6	3	10/17/89	Alspector	307	201	02/11/88
*	I	4	9	6	5	7	2	5	10/23/90	Rutenberg	364	413.1	04/08/88
*	J	5	0	9	6	8	3	0	03/17/92	Senyei <i>et al.</i>	436	65	09/15/88
*	K	5	1	8	5	2	7	0	02/09/93	Senyei <i>et al.</i>	436	510	12/12/88
*	L	5	2	2	3	4	4	0	06/29/93	Teng <i>et al.</i>	436	510	11/18/88
*	M	5	2	3	6	8	4	6	08/17/93	Senyei <i>et al.</i>	436	65	07/18/91
*	N	5	2	8	1	5	2	2	01/25/94	Senyei <i>et al.</i>	435	7.9	12/14/90
*	O	5	4	0	5	3	6	2	04/11/95	Kramer <i>et al.</i>	607	5	12/20/93
*	P	5	4	6	3	5	4	8	10/31/95	Asada <i>et al.</i>	364	413.02	04/28/93
*	Q	5	4	6	8	6	1	9	11/21/95	Senyei <i>et al.</i>	435	7.94	05/12/93
*	R	5	4	9	1	6	2	7	02/13/96	Zhang <i>et al.</i>	364	413.2	05/13/93
*	S	5	5	0	3	1	6	1	04/02/96	Van Den Heuvel	128	773	10/25/93
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*	U	5	5	3	3	5	1	9	07/09/96	Radke <i>et al.</i>	128	777	05/09/95
*	V	5	5	6	0	3	7	0	10/01/96	Verrier <i>et al.</i>	128	705	05/26/95
*	W	5	5	6	5	3	6	4	10/15/96	Schaefer <i>et al.</i>	436	43	02/22/95
*	X	5	5	9	4	6	3	7	01/14/97	Eisenberg <i>et al.</i>	395	202	05/26/93

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*	Y	5	1	5	7	7	3	3	10/20/92	Takeo <i>et al.</i>	382	6	06/07/91
*	Z	5	2	9	9	2	8	4	03/29/94	Roy	395	22	04/09/97
*	AA	5	3	0	4	4	6	8	4/19/94	Phillips <i>et al.</i>	435	14	01/26/93
*	AB	5	3	2	1	4	9	2	06/14/94	Detwiler <i>et al.</i>	356	73	08/07/92
*	AC	5	3	9	2	4	0	3	02/21/95	Kaufmann	395	275	04/23/92
*	AD	5	4	5	5	8	9	0	10/03/95	Wang	395	22	
*	AE	5	5	9	0	6	6	5	01/07/97	Kanai	128	898	11/10/94
*	AF	5	6	2	2	1	7	1	04/22/97	Asada <i>et al.</i>	364	413.01	04/14/95
*	AG	5	6	2	7	9	0	7	05/06/97	Gur <i>et al.</i>	382	128	05/06/97
*	AH	5	6	8	7	7	1	6	11/18/97	Kaufman <i>et al.</i>	128	630	11/15/95

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*	AI	0	3	8	7	6	3	0	09/19/90	EP	--	--		
*	AJ	0	5	5	7	8	3	1	09/01/93	EP	--	--	X**	
*	AK	0	6	1	6	2	9	1	01/02/94	EP A2	--	--		
*	AL	0	6	1	0	8	0	5	03/02/94	EP A2	--	--		
*	AM	0	6	4	4	4	1	4	03/22/95	EP A2	--	--		
*	AN	9	4	2	5	9	3	3	11/10/94	PCT	--	--		
*	AO	9	6	1	2	1	8	7	4/25/96	PCT	--	--		
*	AP	9	7	0	5	5	5	3	2/13/97	PCT	--	--		
*	AQ	9	7	0	9	6	7	8	3/13/97	PCT	--	--		
*	AR	9	7	1	7	8	9	1	5/22/97	PCT				
*	AS	9	7	3	0	9	9	6	8/28/97	PCT	--	--		X***

** Derwent English language abstract and/or English translation provided.

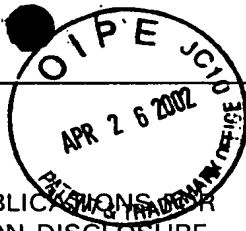
*** English Abstract included

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*	AT	Alvager, <i>et al.</i> , "The use of artificial neural networks in biomedical technologies: An introduction", <u>Biomedical Instrumentation and Technology</u> pp. 315-322 (1994).
*	AU	Arden, "Internal Medicine: Internist", (available at http://www.spi.org/cgi...eeit&csum=110562327913 on 12/08/96).
*	AV	"Artificial intelligence systems in routine clinical use", (available on http://www.gretmar.com/ailist/list.html).
*	AW	Baxt, "Use of an artificial neural network for data analysis in clinical decision-making: The diagnosis of acute coronary occlusion", <u>Neural Computation</u> , 2:480-489 (1990).
*	AX	Baxt, "Use of an artificial neural network for the diagnosis of myocardial infarction", <u>Annals of Internal Medicine</u> , 115:843-848 (1991).
*	AY	Baxt, "Analysis of the clinical variables driving decision in an artificial neural network trained to identify the presence of myocardial infarction", <u>Annals of Emergency Medicine</u> , 21: 1439-1444 (1992).
*	AZ	Baxt, "Improving the accuracy of an artificial neural network using multiple differently trained networks", <u>Neural Computation</u> , pp.772-780 (1992).
*	BA	Baxt, "Complexity, chaos and human physiology: the justification for non-linear neural computational analysis", <u>Cancer Letters</u> , 77:85-93 (1994).
*	BB	Baxt, "Application of artificial neural networks to clinical medicine", <u>Lancet</u> , 346:1135-1138 (1995).
*	BC	Baxt, "Bootstrapping confidence intervals for clinical input variable effects in a network trained to identify the presence of acute myocardial infarction", <u>Neural Computation</u> , 7:624-638 (1995).
*	BD	Beksac, <i>et al.</i> , "An artificial intelligent diagnosis system with neural networks to determine genetical disorders and fetal health by using maternal serum markers", <u>European Journal of Obstetrics and Gynecology and Reproductive Biology</u> 59:131-136 (1995).
*	BE	Benediktsson <i>et al.</i> , Parallel consensual neural networks with optimally weighted output, <u>Proceedings of World Congress on Neural Networks</u> 3:129-137, 1994.
*	BF	"BioComp Systems, Inc.: Systems that learn, adapt and evolve", (available on http://www.bio-comp.com/products.htm on 11/21/96).

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*	BG	Blinowska, <i>et al.</i> , "Diagnostics - A bayesian decision-aid system - applied to hypertension diagnosis", <u>IEEE Transactions on Biomedical Engineering</u> 40:230-235 (1993).
*	BH	Brickley, <i>et al.</i> , "Performance of a neural network trained to make third-molar treatment-planning decisions", <u>Medical Decision Making</u> 16:153-160 (1996).
*	BI	Brown, <i>et al.</i> , Finite training sample size effects on neural network pattern classification in low-dimensional feature space", pp. 96-101.
*	BJ	Burke, <i>et al.</i> , "Artificial neural networks for outcome prediction in cancer", pp. 53-56.
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*	BL	Creasy and Resnik, <u>Maternal-fetal medicine: Principles and practice</u> , Ch 36, Sec. 18, p. 657, 1989.
*	BM	Davis, <i>et al.</i> , "Production systems as a representation for a knowledge based consultation program", <u>Artificial Intelligence</u> 8:15-45 (1977).
*	BN	Database Derwent WPI #009580780, citing European patent 557831 A, Instrument for determining optimum delivery time of foetus.
*	BO	Diller, W., "Horus computer-enhanced diagnostics", <u>In Vivo: The Business and Medicine Report</u> , pp. 3-10, 1997.
*	BP	El-Deredy <i>et al.</i> , Identification of relevant features in /sup 1/H MR tumour spectra using neural networks, <u>Fourth International Conference on Artificial Neural Networks</u> pgs. 454-458 (1995).
*	BQ	Erickson, "What is cognitive computing?", part 2 of 3, (available at http://www.spi.org/cgi...seeit&csum=16068819102 on 12/08/96).
*	BR	Fahlman, <i>et al.</i> , "The cascade-correlation learning architecture", <u>Advances in Neural Information Processing Systems</u> 2, pp. 524-532 (1989).
*	BS	Fahlman, "Fast learning variations on back-propagation: An empirical study", <u>Proceedings on the 1988 Connectionist Models Summer School</u> , Pittsburgh, pp. 38-51 (1988).
*	BT	Furundzic <i>et al.</i> , Artificial neural networks for early breast carcinoma detection, <u>International Workshop on Neural Networks for Identification, Control, Robotics, and Signal/Image Processing</u> 355-359 (1996).

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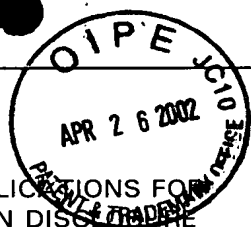
*	BU	Gorzalczany, An idea of the application of fuzzy neural networks to medical decision support systems, <u>Proceedings of the IEEE International Symposium on Industrial Electronics</u> 1:398-403 (1996).
*	BV	Haddawy, "Decision systems and artificial intelligence laboratory", (available at http://www.cs.uwm.edu/;public/dsail/ on 11/21/96).
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*	BY	Kim <i>et al.</i> , Ensemble competitive learning neural networks with reduced input dimension, <u>Intl. J. of Neural Systems</u> 6(2):133-142, 1995.
*	BZ	Kol, <i>et al.</i> , "Interpretation of nonstress tests by artificial neural network", <u>American Journal of Obstetrics and Gynecology</u> 172:1372-1379 (1995).
*	CA	Kupinski <i>et al.</i> , Feature selection and classifiers for the computerized detection of mass lesions in digital mammography, <u>International Conference on Neural Networks</u> 4:2460-2463 (1997).
*	CB	Lapuerta, <i>et al.</i> , "Use of neural networks in predicting the risk of coronary artery disease", <u>Computers and Biomedical Research</u> 28:38-52 (1995).
*	CC	Logical Designs Consulting, Inc., "Thinks™ and ThinksPro™ Neural networks for windows: Your complete neural network development environment".
*	CD	Maclin, <i>et al.</i> , "Using neural networks to diagnose cancer", <u>Journal of Medical Systems</u> 15:11-19 (1991).
*	CE	Micheli-Tzanakou <i>et al.</i> , Myocardial infarction: diagnosis and vital status prediction using neural networks, <u>Computers in Cardiology</u> pgs. 229-232 (1993).
*	CF	Mobley, <i>et al.</i> , "Artificial neural network predictions of lengths of stay on a post coronary care unit", <u>Heart and Lung</u> 24:251-256 (1995).
*	CG	Modai, <i>et al.</i> , "Clinical decisions for psychiatric inpatients and their evaluation by trained neural networks", <u>Methods of Information in Medicine</u> 32:396-399 (1993).

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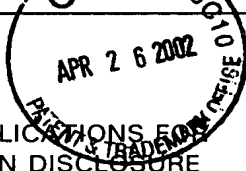
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*	CI	"Multivariate statistical data reduction method", (available on http://www.spi.org/cgi...seeit&csum=17396875558 on 12/08/96).
*	CJ	Nejad <i>et al.</i> , Significance measures and data dependency in classification methods, <i>Instit. Elect. Electron. Engineers Intl. Conference on Neural Network Proceedings, Australia: 1816-1822</i> (1995).
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*	CL	<u>Neural Networks & intelligent systems newsletter</u> , Derwent Direct, Issue 3, (August, 1995).
*	CM	NTIS Published Search - "Neural networks: Applications" (September 1986-present).
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*	CO	Pattichis, <i>et al.</i> , "Neural network Models in EMG Diagnosis", <u>IEEE Transactions on Biomedical Engineering</u> 42:486-495 (1995).
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*	CQ	Penny, <i>et al.</i> , "Neural networks in Clinical Medicine", <u>Medical Decision Making</u> 16:386-398 (1996).
*	CR	Plate, "Re: neural nets", (available at http://www.gsf.de/msr/sift/msg00649.html on 11/21/96).
*	CS	Rachid <i>et al.</i> , Segmentation of sputum color image for lung cancer diagnosis <u>International Conference on Image Processing</u> 1:243-246 (1997).
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*	CU	Ruck, <i>et al.</i> , "Feature selection in feed-forward neural networks", <u>Neural Networks Computing</u> 20:40-48 (1990).
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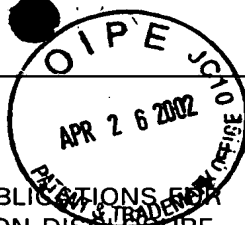
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*	CX	Shiyi Xu <i>et al.</i> , Testability prediction for sequential circuits using neural networks, <u>Sixth Asian Test Symposium</u> pgs. 48-53 (1997).
*	CY	Siganos, "Neural networks in medicine", (available at http://scorch.doc.ic.ac.uk/~nd/suprise_96/journal/vol2/ds12/article2.html on 11/21/96).
*	CZ	Snow, <i>et al.</i> , "Artificial neural networks in the diagnosis and prognosis of prostate cancer: A pilot study", <u>The Journal of Urology</u> , 152:1923-1926 (1994).
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*	DB	Stamey, "ProstASURE™: An information resource", (available at http://www.labcorp.com/prost3.htm on 11/21/96).
*	DC	Swaine, "Programming Paradigms - part 2", (available at http://www.spi.org/cgi...seeit&csum=17808028563 on 12/08/96).
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*	DE	Utans, <i>et al.</i> , "Input variable selection for neural networks: Applications to predicting the U.S. Business Cycle", IEEE pp. 118-122 (1995).
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*	DH	van Dyne <i>et al.</i> , "Using machine learning and expert systems to predict preterm delivery in pregnant women", Proceedings of the Tenth Conference on Artificial Intelligence for Applications, San Antonio, TX, March 1-4, 1994, pp. 344-350.
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*	DL	Wilding, <i>et al.</i> , "Application of Backpropagation neural networks to diagnosis of breast and ovarian cancer", <u>Cancer Letters</u> 77:145-153.
*	DM	Wong <i>et al.</i> , Fuzzy neural systems for decision making, <u>IEEE International Joint Conference on Neural Networks</u> 2:1625-1637 (1991).
*	DN	Young, "Diagnosis of acute cardiac ischemia", (available on http://www.library.ucsf.edu/Originals/young.html on 11/21/96).

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